

Rabbit anti-Human Regulator of G-protein signaling 2 Polyclonal Antibody | anti-RGS2 antibody

Rabbit anti-human Regulator of G-protein signaling 2 polyclonal Antibody

CATALOG # AAA230016	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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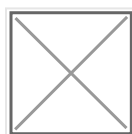
PRODUCT SYNONYMS

Regulator of G-protein signaling 2; Polyclonal Antibody; Rabbit anti-human Regulator of G-protein signaling 2 polyclonal Antibody; Regulator of G-protein signaling 2 protein; RGS2; Cell growth-inhibiting gene 31 protein; G0/G1 switch regulatory protein 8; GIG31; G0S8; anti-RGS2 antibody

PRODUCT SPECIFICATIONS

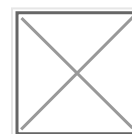
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	211
Applicable Applications for anti-RGS2 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant human Regulator of G-protein signaling 2 protein (1-211aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9933 / sc-7678 / sc-9103
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



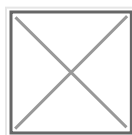
IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA230016 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



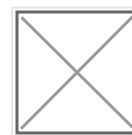
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA230016 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA230016 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: U87 whole cell lysateAll lanes: RGS2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 25,24,2321 KDaObserved band size: 25 KDa



WB (Western Blot)

Western blotAll lanes: Regulator of G-protein signaling 2 antibody at 14ug/ml+ Mouse lung tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 25,24,23,21 kDaObserved band size: 24 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RGS2 antibody	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. May play a role in leukemogenesis. Plays a role in negative feedback control pathway for adenylyl cyclase signaling. Binds EIF2B5 and blocks its activity, thereby inhibiting the translation of mRNA into protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506517
NCBI GeneID	5997
NCBI Accession #	NP_002914.1
NCBI GenBank Nucleotide #	NM_002923.3
UniProt Accession #	P41220; Q6I9U5
Molecular Weight	20,780 Da
NCBI Official Full Name	regulator of G-protein signaling 2
NCBI Official Synonym Full Names	regulator of G-protein signaling 2
NCBI Official Symbol	RGS2
NCBI Official Synonym Symbols	G0S8
NCBI Protein Information	regulator of G-protein signaling 2
UniProt Protein Name	Regulator of G-protein signaling 2
UniProt Gene Name	RGS2
UniProt Synonym Gene Names	G0S8; RGS2
UniProt Entry Name	RGS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/regulator-of-g-protein-signaling-2-antibody-western-blot-elisa/230016>